

FIG. 1

The diagram illustrates a sequence of events across four vertical timelines: client A, meta-data server, storage server, and client B. The vertical axis represents time, with markers T1 through T10. A horizontal dashed line separates the top section (T1-T4) from the bottom section (T5-T10).

- Client A:**
 - T1: Initiates a "lease request" to the meta-data server.
 - T2: Receives a "lease" from the meta-data server.
 - T3: Initiates a "write" to the storage server.
 - T9: Receives a "response" from the storage server.
- Meta-data server:**
 - T1: Receives "lease request" from client A.
 - T2: Issues "lease" to client A.
 - T5: Receives a "lease request" from client B.
 - T6: Issues "lease" to client B.
- Storage server:**
 - T3: Receives "write" from client A.
 - T7: Receives a "write" from client B.
 - T8: Issues a "response" to client B.
 - T9: Issues a "response" to client A.
- Client B:**
 - T5: Initiates a "lease request" to the meta-data server.
 - T6: Receives a "lease" from the meta-data server.
 - T7: Initiates a "write" to the storage server.
 - T8: Receives a "response" from the storage server.

FIG. 2

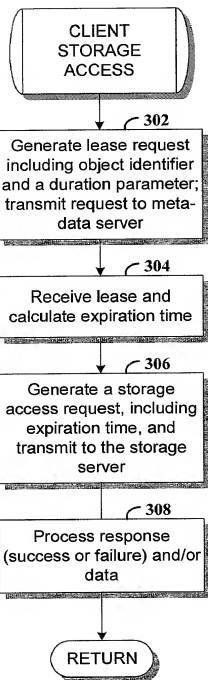


FIG. 3

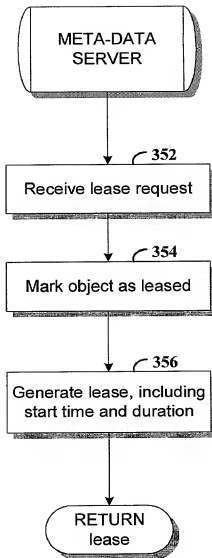


FIG. 4

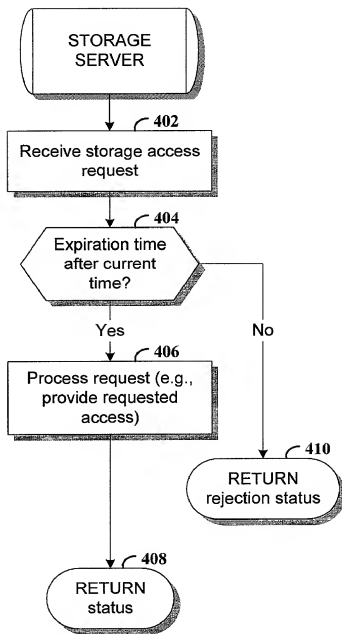


FIG. 5